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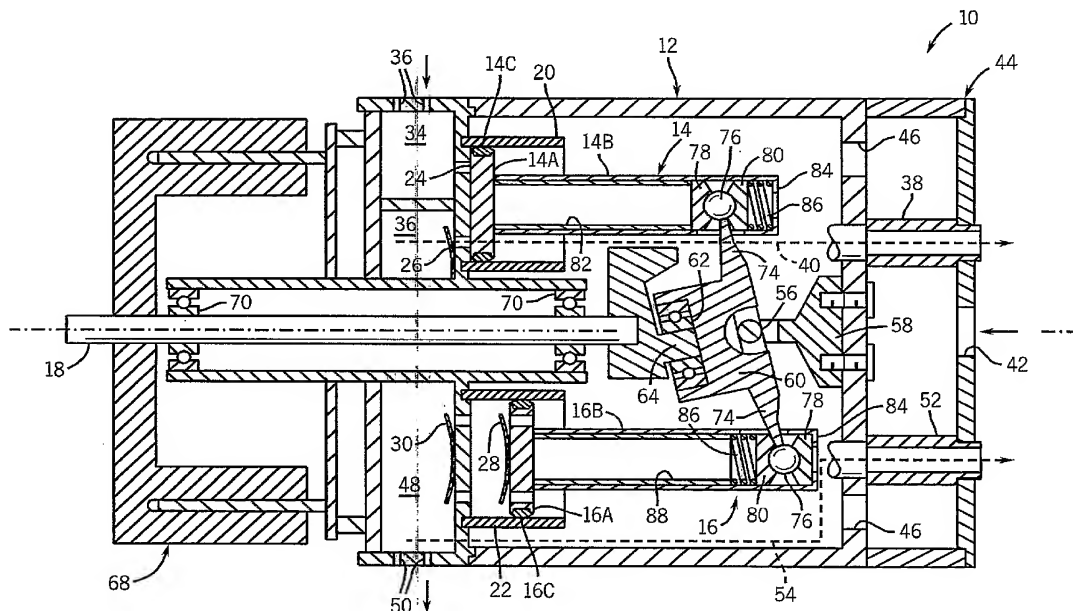
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(54) Title: HYBRID NUTATING PUMP



(57) Abstract: A nutating pump has a cross-type universal joint connecting a nutating member to a pump housing, ball joints connecting the nutating member to piston rods, and the piston rods fixed to piston heads so that the piston heads wobble in pump cylinders.

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